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		SIGNA	TURE C	F APPLICANT	Γ, ΑΤΤΟΙ	RNEY, O	R AGE	NT	
Firm Name	Isis Pha	rmaceuticals, Inc.							
Signature	16	pane T	\mathcal{M}	Oar O					
Printed name	Donna 1	. Ward, Ph.D.							
Date	6/9	7/05			F	Reg. No.	48,271		
sufficient postage the date shown be	as first c	respondence is b	eing facsi		the USPT	O or depos	ited with t		ited States Postal Service with Alexandria, VA 22313-1450 on
Signature		Hen	4		,				
Typed or printed r	name	Laura Eames					1	Date	6/9/05

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/82 (09-04) Approved for use through 11/30/2005. OMB 0651-0035

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Application Number	See attached table
Filing Date	See attached table
First Named Inventor	See attached table
Art Unit	
Examiner Name	
Attorney Docket Number	See attached table

I hereby revoke all pre	evious powers of attorney given i	n the a	above-id	entified applic	ation.	
A Power of Attorne	ey is submitted herewith.					
OR I hereby appoint t	the practitioners associated with the	e Custo	omer Nun	nber:	27	7,180
	e correspondence address for the all associated with mber:	27,18		application to:		
Firm <i>or</i> Individual Name						
Address						
City		State			Zip	
Country						
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	or. ord of the entire interest. See 37 CF 37 CFR 3.73(b) is enclosed. (Form					
	SIGNATURE of Applicant	or Ass	ignee of	Record		
Signature/	W//					
	shall, Executive Vice President & CFO					
Date 5-4-20	05	Те	lephone	760-931-9200		
NOTE: Signatures of all the invent signature is required, see below*.	tors or assignees of record of the entire interest or	their repr	esentative(s)	are required. Submi	t multiple t	forms if more than one
*Total offo	orms are submitted.					

This collection of information is required by 37 CFR 1.36. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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STATEMENT UNDER 37 CFR 3.73(b)	!
Applicant/Patent Owner: Isis Pharmaceuticals, Inc.	
Application No./Patent No.: See attached table Filed/Issue Date: See attached	table
Entitled:	•
Isis Pharmaceuticals, Inc. , a Corporation	
	n, partnership, university, government agency, etc.)
states that it is: 1. the assignee of the entire right, title, and interest; or	
an assignee of less than the entire right, title and interest. The extent (by percentage) of its ownership interest is%	
in the patent application/patent identified above by virtue of either:	
A An assignment from the inventor(s) of the patent application/patent identified a in the United States Patent and Trademark Office at Reel See Table , Franthereof is attached. OR	above. The assignment was recorded ne See Table , or for which a copy
B. A chain of title from the inventor(s), of the patent application/patent identified a below:	bove, to the current assignee as shown
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The document was recorded in the United States Patent and Trademark	Office at
Reel, Frame, or for which a cop	by thereof is attached.
Additional documents in the chain of title are listed on a supplemental sheet	
Copies of assignments or other documents in the chain of title are attached. [NOTE: A separate copy (<i>i.e.</i> , a true copy of the original assignment document(s) Division in accordance with 37 CFR Part 3, if the assignment is to be recorded MPEP 302.08]	n) must be submitted to Assignment ed in the records of the USPTO. <u>See</u>
Ω 1	
The undersigned (whose title is supplied below) is authorized to act on behalf of the a	ssignee.
	5.4.2005
Signature	Date
B. Lynne Parshall	760-931-9200
Printed or Typed Name	Telephone Number
Executive Vice President & CFO	
Title	

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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